Technical sheet:

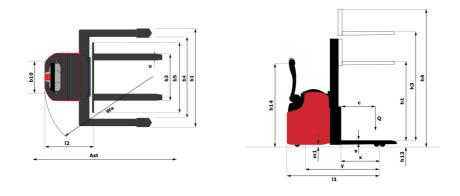
ES 720 4W





Technical characteristics Metric 1.1 Manufacturer MANITOU 1.2 Model Name ES 720 4W 1.3 Power source Electrical 1.4 Operator type Pedestrian 1.5 Max. capacity Q 2000 kg 1.6 Load center of gravity c 600 mm 1.8 Load distance, centre of drive axle to fork (low/raised) - Low position x 690 mm 1.9 Wheelbase y 1194 mm Wheels Wheels Wheels	
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Wheels	
	1
3.1 Tires type Polyurethane	
3.4 Size of castor wheels 125 x (2x50)	
3.5 Number of front wheels / rear wheels 5 / 4	
3.5.2 Number of drive wheels 1	
3.6 Front wheel gauge b10 878 mm	
3.7 Rear wheel gauge b11 1610 mm	
Dimensions	
4.10 Height of wheel arms h8 200 mm	
4.15 Fork height in low position h13 50 mm	
4.19 Overall length I1 1775 mm	
4.20 Length to face of forks 12 825 mm	
4.21 Overall width b1 1810 mm	
4.22 Forks section / width / length s / e / l 40 mm / 120 mm / 115	mm
4.26 Distance between wheel arms/loading surfaces b4 1450 mm	
4.24 Fork carriage width b3 1410 mm	
4.32 Ground clearance at centre of wheelbase m2 50 mm	
4.33 Aisle Width for pallets 1000 x 1200 crossways Ast 2664 mm	
4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2664 mm	
4.35 Tuming radius Wa 1476 mm	
4.9 Height tiller min. / max. h14 / h14 1030 mm / 1490 mr	า
Performances	
5.1 Travel speed (laden / unladen) 6 km/h / 6 km/h	
5.2 Lifting speed (laden / unladen) 0.14 m/s / 0.24 m/s	j
5.3 Lowering speed (laden / unladen) 0.30 m/s / 0.20 m/s	;
5.10 Service brake Electro magnetic	
Engine	
6.1 Drive motor rating \$2.60 min 1.20 kW	
6.2 Lift motor rating at S3 15% 3 kW	
6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43535-B	
6.4 Battery voltage / capacity 24 V / 160 Ah	
6.4.1 Battery max. capacity 250 A	
6.5 Battery weight (+/- 5%) 165 kg	
6.5.1 Battery max. weight 215 kg	
Miscellaneous	
8.1 Type of drive control Variator	
8.4 Sound level at the driver's ear according to DIN 12 053 70 dB	

ES 720 4W - Dimensional drawing



Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1939	2189
h3 - Mast lifting height	mm	1466	1716
h4 - Mast extended height	mm	1946	2196
Residual capacity at max height	kg	2000	2000
Height at max capacity	mm	1510	1760

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
h1 - Mast lowered height	mm	1939	2189	2389
h3 - Mast lifting height	mm	2896	3396	3796
h4 - Mast extended height	mm	3376	2876	4276
Residual capacity at max height	kg	2000	1800	1600
Height at max capacity	mm	2940		

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1939	2189
h2 - Mast free lift	mm	1466	1716
h3 - Mast lifting height	mm	2891	3391
h4 - Mast extended height	mm	3371	3871
Residual capacity at max height	kg	2000	1700
Height at max capacity	mm	2930	

Free Lift Triplex (FLT)		FLT 42
h1 - Mast lowered height	mm	1897
h2 - Mast free lift	mm	1426
h3 - Mast lifting height	mm	4206
h4 - Mast extended height	mm	4709
Residual capacity at max height	kg	1300





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